

Claims

1. Flow reservoir for a paint spray gun with a bowl-shaped container (1), a cover (2) that can be set on the container (1), and an attachment part (3) for direct fastening of the flow reservoir onto the paint spray gun, characterized in that the attachment part (3) consists of a connector (5) formed directly on the cover (2) with a screw-wedge element (8) for direct quick-connect attachment of the flow reservoir to the paint spray gun.

2. Flow reservoir according to Claim 1, characterized in that the screw-wedge element (8) is formed by a groove (9) with a screw surface (10) extending diagonally in the circumferential direction.

3. Flow reservoir according to Claim 1 or 2, characterized in that the connector (5) has an additional thread (7).

4. Flow reservoir according to one of Claims 1-3, characterized in that the connector (5) has a lateral contact surface (15) for limiting the screw-in depth when the screw-wedge element (8) is used for attaching the flow reservoir.

5. Flow reservoir according to Claim 3 or 4, characterized in that the connector (5) has an end contact surface (12) for limiting the screw-in depth when the thread (7) is used for attaching the flow reservoir.

6. Flow reservoir according to one of Claims 1-5, characterized in that a shoulder (16) with a contact surface (17) is provided in the interior of the connector (5).

7. Flow reservoir according to one of Claims 1-6, characterized in that the container (1) and the cover (2) can be tightly connected to each other by a quick-connect locking thread (18, 19).

8. Flow reservoir according to Claim 7, characterized in that the quick-connect locking thread (18, 19) is a four-part steep thread with external threads (18) on the outer periphery of the container (1), and corresponding internal threads (19) on the inside of the cover (2).

9. Flow reservoir according to Claim 7 or 8, characterized in that the quick-connect locking thread (18, 19) has a slope of 20 mm.

10. Flow reservoir according to one of Claims 1-9, characterized in that a wedge-shaped sealing ridge (22) is formed on the inner side of the cover (2), which defines a wedge-shaped annular groove (23) between its outer side and the inner side of the cover (2) for receiving the upper container edge (24).

11. Flow reservoir according to Claim 10, characterized in that the sealing ridge (22) has a sufficiently large height to catch paint in the cover (2) when the cover (2) is removed.

12. Flow reservoir according to one of Claims 1-11, characterized in that an insert can be put into the container (1).